CLAIMS

What is claimed is:

1. A method of reading pixel signals from a staggered sensor, said method comprising:

providing said staggered sensor which comprises at least two linear image sensors, wherein a plurality of photocells of one said linear image sensor are offset abutting with a plurality of photocells of said adjacent linear image sensor respectively; and

reading out said pixel signals from said consecutive photocells of one said linear image sensor, without inserting said pixel signals form said other linear image sensor.

2. The method of claim 1, wherein said photocells comprise a plurality of charge-coupled devices.

3. The method of claim 1, wherein said photocells comprise a plurality of sensors of complementary metal oxide semiconductor.

4. The method of claim 1, wherein said reading out step is coordinated with at least a series of clock pluses.

5. The method of claim 1, wherein said reading out step is followed by outputting said pixel signals from said consecutive photocells of one said linear image sensor into an analog/digital

converter.

6. A method of video output applicable on a multiple staggered sensor in a scanner, said method comprising:

providing at least two sensor rows in said multiple staggered sensor, each said sensor row consisting of a plurality of photocells;

reading a scan line with a plurality of pixels by one of said sensor row to generate a first consecutive video signals;

offsetting reading said scan line with said pixels by the other of said sensor row to generate a second consecutive video signals; and

outputting said video output consisting of at least said first consecutive video signals .

7. The method of claim 6, wherein said photocells of one said sensor row are offset abutting with said photocells of the other adjacent sensor row respectively.

8. The method of claim 6, wherein said photocells comprise a plurality of charge-coupled devices.

9. The method of claim 6, wherein said photocells comprise a plurality of sensors of complementary metal oxide semiconductor.

10. The method of claim 6, wherein said video output further comprises said second consecutive video signals.

11. The method of claim 6, wherein said video output is further introduced to an analog/digital converter.